

R-008-101.3

1298

K-65 AREA WEEKLY REPORT JUNE 6, 1991

06-06-91

DOE/USEPA

4

REPORT

K-65 AREA WEEKLY REPORT
JUNE 6, 1991

SLANT BORINGS:

Slant Boring No. 3 water purging and sampling efforts were initiated on May 31, 1991. Purging efforts throughout this week were delayed due to the failure of the generator. A new generator was delivered on June 5, 1991, and activities resumed. Sampling of Boring No. 3 is scheduled for June 7, 1991.

The WMC0 analysis of Slant Boring #1 will be available on June 15, 1991.

Boring under the Decant Tank was initiated on June 1, 1991. The sampling team had penetrated five feet, when they discontinued activities. Additional support for the pipe casing was deemed necessary. Boring continued on June 6, 1991.

MAPPING:

The WMC0 Environmental Monitoring personnel extracted water samples from Silo No. 4 and transferred the samples to the WMC0 laboratory on May 31, 1991. The WMC0 analysis will be available on June 12, 1991.

BERM SAMPLING:

Extraction, sectioning, and shipment of all six sections from the east side of the silo's was completed on June 5, 1991. This successfully completes the Vertical Berm Boring Project. Demobilization has been initiated.

RADON TREATMENT SYSTEM:

Work on the RTS continued. Activities which have been initiated include, but are not limited to, installation of glovebags around the piping in the RTS building, removal of piping, which connected the blowers to the RTS, placement of the concrete pad for the new blower, installation of the blower, piping and electrical conduit.

The construction phase of the project estimated to be complete on June 8, 1991, is currently on schedule.

DECANT SUMP:

Sampling of the sludge is scheduled to be initiated on June 7, 1991, after modifications of the sampling equipment is complete.

GAS SAMPLING AND ANALYSIS OF THE K-65 SILO HEADSPACE

Hydrogen samples were extracted from the headspace of Silo's 1 and 2 on June 4, 1991. The WMC0 analysis of the samples is scheduled for completion on June 11, 1991.

ACTIVITY ID	REM DUR	EARLY START	EARLY FINISH	1990												1991												1992											
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
				SILOS 1 & 2 REMOVAL ACTION																																			
Y404151001	0	12SEP89A	28FEB90A	SILOS 1 & 2 STRUCTURAL ANALYSIS																																			
Y404110001	0	2NOV89A	26JUL90A	SILOS 1 & 2 PATHWAYS RISK ASSESSMENT																																			
Y404031001	0	1AUG90A	22OCT90A	SUBMIT SILOS 1 & 2 EE/CA AND USEPA APPROVAL																																			
Y404191001	9	3SEP90A	19JUN91	DOE HQ RVW/APRV SILOS 1&2 NEPA DOCUMENT (EA)																																			
Y404031002	0	1OCT90A	5NOV90A	PREPARE SILOS 1 & 2 RA WORKPLAN																																			
Y404121002	0	8OCT90A	14JAN91A	SILOS 1 & 2 INITIAL SAFETY ASSESSMENT																																			
Y404046005	0	5NOV90A	30NOV90A	USEPA REVIEW/APPROVE SILOS 1 & 2 WORKPLAN																																			
Y404051001	0	15NOV90A	6MAY91A	SILOS 1 & 2 TITLE I/II DESIGN																																			
Y404311001	16	31DEC90A	28JUN91	SUBMIT SILOS 1 & 2 PERMIT INFO TO OEPA/USEPA																																			
Y404095000	3	18FEB91A	11JUN91	PREPARE/REVIEW SILOS 1 & 2 RISK ASSESSMENT RPT																																			
Y404096000	57	26APR91A	26AUG91	SILOS 1 & 2 BENTO-GROUT EQUIPMENT PROCUREMENT																																			
Y404121001	42	10MAY91A	5AUG91	SILOS 1 & 2 BASELINE SAFETY ANALYSIS REPORT																																			
Y404121003	42	10MAY91A	5AUG91	SILOS 1 & 2 FINAL SAFETY ASSESSMENT REPORT																																			
Y404095001	8	29MAY91A	18JUN91	SILOS 1 & 2 ORR COMMITTEE REVIEW																																			
Y404096200	50	7JUN91	15AUG91	SILOS 1 & 2 DATA LOGGING SYSTEM PROCUREMENT																																			
Y404096300	56	9JUL91	2SEP91	MANBASKET FABRICATION																																			
Y404091005	40	6AUG91	30SEP91	REVIEW & DOE APPROVAL- SILOS 1 & 2 FINAL ASSESS																																			
Y404120004	40	6AUG91	30SEP91	REVIEW AND DOE APPROVAL - SILOS 1 & 2 SAR																																			
Y404121004	30	6AUG91	16SEP91	SILOS 1 & 2 OSR																																			
Y404097000	56	27AUG91	21OCT91	INSTALL BENTO-GROUT EQUIPMENT																																			
Y404097005	27	3SEP91	29SEP91	CONDUCT TEST/TRAINING ON SILO 4 W/MANBASKET																																			
Y404097001	20	18SEP91	7OCT91	BASELINE MAPPING OF SILOS 1 & 2																																			
Y404097002	20	2OCT91	21OCT91	CONDUCT TEST/TRAINING ON BENTO-GROUT EQUIPMENT																																			
Y404097003	1	22OCT91	22OCT91	ORR WALK THROUGH FOR BENTO-GROUT PLACEMENT																																			
Y404098000	25	23OCT91	16NOV91	PLACE BENTO-GROUT IN SILOS 1 & 2																																			
Y404097004	20	17NOV91	6DEC91	FINAL MAPPING OF SILOS 1 & 2																																			
Y404099000	81	9DEC91	30MAR92	MONITOR BENTO-GROUT EFFECTIVENESS IN SILOS 1&2																																			
				K65 DECANT SUMP TANK REMOVAL ACTION																																			
Y406031001	0	21AUG90A	10OCT90A	DECANT SUMP WORKPLAN DEVELOPMENT/APRV (H&S, QA)																																			
Y406051002	0	2OCT90A	3MAR91A	DECANT SUMP PERFORMANCE SPEC/DESIGN																																			
Y406031002	0	10OCT90A	10JAN91A	USEPA REVIEW AND APPROVE WORKPLAN																																			
Y406091003	0	4MAR91A	16APR91A	DECANT SUMP REMOVAL/CORRECTIVE ACTION																																			
Y406141004	167	5APR91A	27JAN92	DECANT SUMP SAMPLE ANALYSIS/TREATMENT/FINAL RPT																																			
				MODIFY RADON TREATMENT SYSTEM																																			
Y407091001	0	19FEB91A	31MAY91A	PROCURE RTS BLOWER																																			
Y407091002	0	19FEB91A	22APR91A	PROCURE RTS VALVES																																			

Activity Breakdown Data

Legend:

- Activity Breakdown
- Activity Breakdown
- Activity Breakdown

WESTINGHOUSE MATERIALS CO. OF OHIO

OU4 INTEGRATED PROJECT SCHEDULE

LEVEL IV DETAIL SCHEDULE

Sheet 1 of 3

Prepared by Cheryl Plummer and Subsequent

Project Start: 12SEP89

Project Finish: 04AUG92

Date: 7/1/91

Print Date: 7/1/91

ACTIVITY ID	REM DUR	EARLY START	EARLY FINISH	1991												1992												1993												1994											
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
				MODIFY RADON TREATMENT SYSTEM																																															
Y407091003	0	25MAR91A	19APR91A	<input checked="" type="checkbox"/> PROCURE ISOLATE RTS EQUIPMENT <input checked="" type="checkbox"/> PREPARE RTS PROCEDURES AND HEALTH & SAFETY PLAN <input checked="" type="checkbox"/> MAINTENANCE ISOLATE RADON TREATMENT SYSTEM <input checked="" type="checkbox"/> RTS CONSTRUCTION (DEMO, INSTALLATION, PREL TEST) <input checked="" type="checkbox"/> RTS CLOSE LOOP TEST <input checked="" type="checkbox"/> ORR REVIEW <input checked="" type="checkbox"/> RTS FINAL TIE-IN TO SILOS/FINAL TESTING <input checked="" type="checkbox"/> RTS ORR ACCEPTANCE <input checked="" type="checkbox"/> RTS OPERATIONAL START-UP																																															
Y407091010	0	22APR91A	2MAY91A																																																
Y407091008	0	8MAY91A	9MAY91A																																																
Y407091004	2	9MAY91A	8JUN91																																																
Y407091009	0	10MAY91A	11MAY91A																																																
Y407091011	2	10JUN91	11JUN91																																																
Y407091005	14	12JUN91	25JUN91																																																
Y407091007	1	26JUN91	26JUN91																																																
Y407091006	14	27JUN91	10JUL91																																																
				SLANT BORING SAMPLING																																															
Y408095050	0	14DEC90A	14DEC90A	<input checked="" type="checkbox"/> USEPA APPROVES SLANT BORING WORK PLAN <input checked="" type="checkbox"/> MOBILIZATION FOR SLANT BORING SAMPLING <input checked="" type="checkbox"/> SLANT BORING PERMITS <input checked="" type="checkbox"/> SLANT BORING SAMPLING <input checked="" type="checkbox"/> SLANT BORING FIELD DATA VALIDATION <input type="checkbox"/> PULL AUGERS/SLANT BORING DEMOBILIZATION																																															
Y408095040	0	29JAN91A	7FEB91A																																																
Y408095051	0	1MAR91A	4APR91A																																																
Y408095044	53	5APR91A	10AUG91																																																
Y408095047	96	18APR91A	10SEP91																																																
Y408095048	21	9AUG91	1SEP91																																																
				VERTICAL BORING (BERM) SAMPLING																																															
Y409095041	0	22JAN91A	7FEB91A	<input checked="" type="checkbox"/> VERTICAL BORING WORKPLAN REVIEW/APPROVE BY USEPA <input checked="" type="checkbox"/> VERTICAL BORING MOBILIZATION <input checked="" type="checkbox"/> VERTICAL BORING PERMITS <input checked="" type="checkbox"/> VERTICAL BORING EQUIPMENT PROCUREMENT <input checked="" type="checkbox"/> VERTICAL BORING SAMPLING MOCK-UP <input checked="" type="checkbox"/> FOUR VERTICAL BORINGS <input checked="" type="checkbox"/> VERTICAL BORING FIELD DATA VALIDATION <input type="checkbox"/> VERTICAL BORING DEMOBILIZATION																																															
Y409095042	0	24JAN91A	14FEB91A																																																
Y409095050	0	12FEB91A	20FEB91A																																																
Y409095043	0	5MAR91A	18APR91A																																																
Y409095051	0	24APR91A	25APR91A																																																
Y409095044	0	30APR91A	6JUN91A																																																
Y409095047	32	3MAY91A	8JUL91																																																
Y409095048	7	7JUN91A	13JUN91																																																
				SECOND ATTEMPT - RESAMPLING K-65 RESIDUES																																															
Y410091001	0	27MAR91A	22MAY91A	<input checked="" type="checkbox"/> SUBMIT SAMPLE PLAN/USEPA APPROVAL- K-65 RESAMPLE <input type="checkbox"/> K-65 RESAMPLING <input type="checkbox"/> RUN RTS EVERY 48 HOURS																																															
Y410091002	47	11JUL91	26AUG91																																																
Y410091004	38	18JUL91	24AUG91																																																
				SURFACE MAPPING DEMONSTRATION IN SILO 4																																															
Y411091001	0	7JAN91A	30MAY91A	<input checked="" type="checkbox"/> PREPARE MAPPING DEMO RISK ASSESS RPT (QA REPORT) <input checked="" type="checkbox"/> SURFACE MAPPING DEMO SAFETY ASSESSMENT REPORT <input checked="" type="checkbox"/> SURFACE MAPPING DEMONSTRATION TEST PLAN <input checked="" type="checkbox"/> SURFACE MAPPING DEMO UTILITIES SERVICE DESIGN <input checked="" type="checkbox"/> SURFACE MAPPING DEMO HARDWARE MOUNTING DESIGN <input type="checkbox"/> PROCURE SURFACE MAPPING DEMO REMOTE EQUIPMENT																																															
Y411331000	0	31JAN91A	12APR91A																																																
Y411061000	0	6FEB91A	24MAY91A																																																
Y411071000	0	25FEB91A	3JUN91A																																																
Y411081000	0	25FEB91A	1APR91A																																																
Y411091002	26	21MAR91A	12JUL91																																																

☐ Activity Boundary Items

☐ Critical Activity

☐ Program Use

WESTINGHOUSE MATERIALS CO. OF OHIO

OU4 INTEGRATED PROJECT SCHEDULE

LEVEL IV DETAIL SCHEDULE

Sheet 2 of 3

Date Date: 7/1/91

Plot Date: 7/1/91

Project Start: 12/27/90

Project Finish: 10/1/92

Prepared by: Control Planning and Integration

Rev	Revised	Checked	Approved

Primavera Systems, Inc. 004-001

1298

4

ACTIVITY ID	REM DUR	EARLY START	EARLY FINISH	1990												1991												1992																							
				SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP											
Y411091004	5	18JUN91	24JUN91	SURFACE MAPPING DEMONSTRATION IN SILO 4 																																				<input type="checkbox"/> LOGISTICAL PRE-TEST IN SILO 4 <input type="checkbox"/> ORNL LAB CHECK <input type="checkbox"/> MOCK-UP/TEST MAPPING EQUIPMENT AT ORNL <input type="checkbox"/> DELIVER MAPPING EQUIPMENT TO FMPC <input type="checkbox"/> MAPPING SYSTEM INSTALLATION <input type="checkbox"/> COMPLETE SILO 4 COLD TEST DEMONSTRATION											
Y411091012	10	1JUL91	12JUL91																																																
Y411091010	5	8JUL91	12JUL91																																																
Y411091011	2	15JUL91	16JUL91																																																
Y411091013	5	15JUL91	19JUL91																																																
Y411091014	5	22JUL91	26JUL91																																																
Y510091001	431	17APR91A	10AUG92	WASTE PIT STORMWATER RUNOFF REMOVAL ACTION WASTE PIT RA ACTIVITIES IN K-65 AREA																																															

☐ Activity Boundary Dates
☐ Critical Activity
☐ Program Use

Primavera Systems, Inc. 1984-1991

WESTINGHOUSE MATERIALS CO. OF OHIO

OU4 INTEGRATED PROJECT SCHEDULE

LEVEL IV DETAIL SCHEDULE

Sheet 3 of 3

Prepared by: [Blank] Planning and Scheduling

Date	Reviewed	Checked	Approved

Project Start: 18JUN91
 Project Finish: 10AUG92

Date Drawn: 7JUN91
 Plot Date: 7JUN91